

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Chuska Energy Co.

3. ADDRESS OF OPERATOR

c/o 3E Company, Inc., Box 190, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

820' FSL & 2140' FEL

At proposed prod. zone

same

SWSE ✓

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

5120

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40 ✓

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6000

20. ROTARY OR CABLE TOOLS

rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4926 GR

22. APPROX. DATE WORK WILL START*

March 10, 1984

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17	13 3/8	54.5	100	see attached cement information
12 1/4	8 5/8	24	1300	
7 7/8	5 1/2	15.5	6000 ✓	

SEE ATTACHED

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

John Alexander

TITLE Agent

DATE 2/22/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 2/22/84
BY: [Signature]

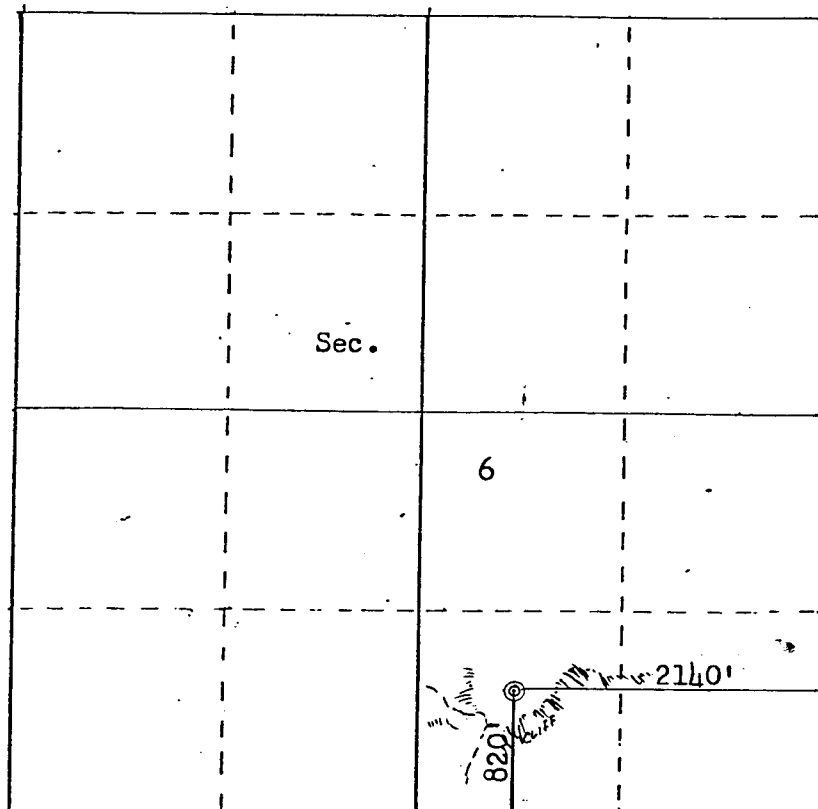
COMPANY CHUSKA ENERGY COMPANY

LEASE NAVAJO TRIBAL WELL NO. 34-6

SEC. 6, T. 41S, R. 24E
San Juan County, Utah

LOCATION 820' FSL 2140' FEL

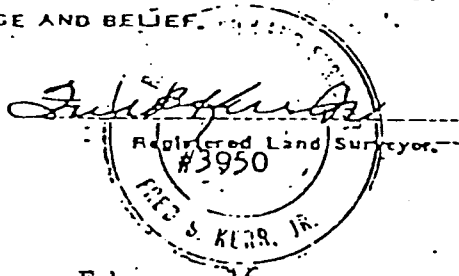
ELEVATION 4926 ungraded ground



SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPER-
VISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

SEAL:



SURVEYED February 16, 1984

FARMINGTON, N. M.

FORMATION INFORMATION AND
DRILLING PRACTICS

CHUSKA ENERGY CO.
Navajo Tribal No. 34-6
820' FSL & 2140' FEL
Sec 6, 41S, 24E
San Juan Co., Utah

1. Surface Fromation: Bluff Sandstone

2. Estimated Formation Tops:

Dechelly	2960'	✓ Lower Ismay	5 8 3 0'
Organ Rock	3050'	✓ Desert Creek	5 8 7 0'
Hermosa	4870'	T.D.	6 0 0 0'
Upper Ismay	5710'		

3. Estimated Depth of Anticipated Oil, Gas Water or Minerals:

Oil	5710'
Oil	5870'

4. Proposed Casing Program:

0-100'	13 3/8", 54.5 lb/ft, ST & C J-55 new casing; cement with 120 cubic feet Class "B" + 2% CaCl2 + 1/4 lb celophane flakes per sack.
0-1300'	8 5/8", 24 lb/ft, ST & C, K-55 new casing; cement with 800 cubic feet 65-35 poz mix + 2% CaCl2. Cement will be brought to surface.
0-6000'T.D.	5 1/2", 15.5 lb/ft, ST & C, K-55 new casing; cement with 450 cubic feet 50-50 poz mix + 2% CaCl2 + 10% salt + 0.8% fluid loss additive. Cement top at 4000'.

5. Pressure Control Equipment - Blow Out Preventor:

The attached schematic shows the type of blowout preventor to be used while drilling. The unit will be tested to 800 psi prior to drilling from under surface pipe.

6. Drilling Fluids:

DEPTH	TYPE	VIS.	WEIGHT	FLUID LOSS
0-1300'	Gel-lime	35-45	9.0	Not controlled
1300-4000'	Gel-chem	35-45	9.5	15cc
4000-6000'	Low solids	45-50	10.0	9cc

7. Auxiliary Equipment:

- Bit float
- Stabbing valve to be used in drill pipe when kelly is not connected.

8. Logging - Coring - Testing Program:

Logging - Open Hole : IES, CNL, FDC
Mud : 4000' to t.d.

Testing : possible in Lower Ismay and Desert
Creek

Coring : None planned

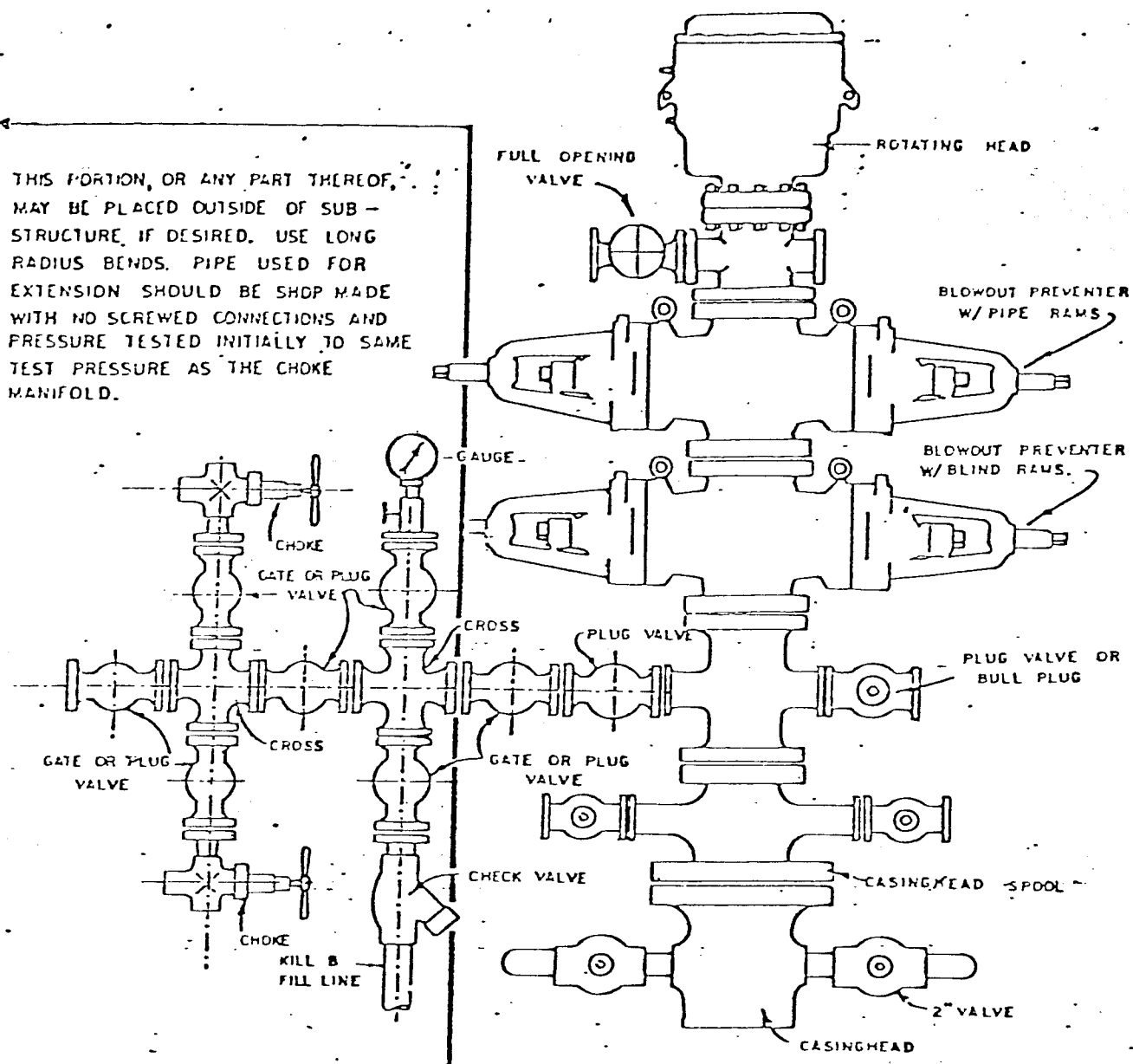
9. Abnormal Temperatures, Pressures or Potential Hazards:

None Expected

10. Starting Date:

Anticipated starting date is March 10, 1984. Approximately 5 days will be required to build roads and location. Drilling will take about 15 days. Completion should be accomplished in 6 days.

THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE, IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.



BLOWOUT PREVENTER HOOKUP

SURFACE USE PLAN

CHUSKA ENERGY CO.
Navajo Tribal No. 34-6
820' FSL & 2140' FEL
Sec 6, 41S, 24E
San Juan Co., Utah

1. Existing Roads (shown in green)

The attached topographic map shows all existing roads within one mile of the proposed location. The access road will join a paved county road.

2. Planned Access Road (shown in red)

The new access road will run north from the existing secondary road approximately 2000' to the well site. Maximum grade will be 10%. Water bars will be used to prevent erosion.

3. Location of Existing Wells

All existing oil, gas, water, drilling and disposal wells are shown on the attached topographic map.

4. Location of Tank Batteries, Prod. Facilities & Prod. Gathering & Service Lines

All production facilities are to be contained within the proposed location site. The operation has no other facilities in the area.

5. Location and Type of Water Supply

✓ Water will be trucked from the San Juan River, 1 mile north of the location.

6. Source of Construction Materials

Any gravel or other construction material that can not be obtained from the excess accumulated from building the location will be purchased from the Navajo Tribe.


7. Methods of Handling Waste Disposal

All trash will be carried to a land fill or burned. All nonburnable materials (drilling fluids, cuttings, chemicals) will be stored in the reserve pit and then buried when they have dried. Any oil produced while drilling will be trucked from the location prior to leaving pit to dry out. Pits will be completely fenced during drying time, then backfilled with dirt prior to preparing the location for production or abandonment.

8. A portable chemical toilet will be supplied for human waste.
9. Ancillary Facilities - No ancillary facilities are planned.
10. Well Site Layout - The attached layout shows the drilling rig with all associated facilities. Cut and fill required is also indicated.
11. Plans for Restoration of Surface

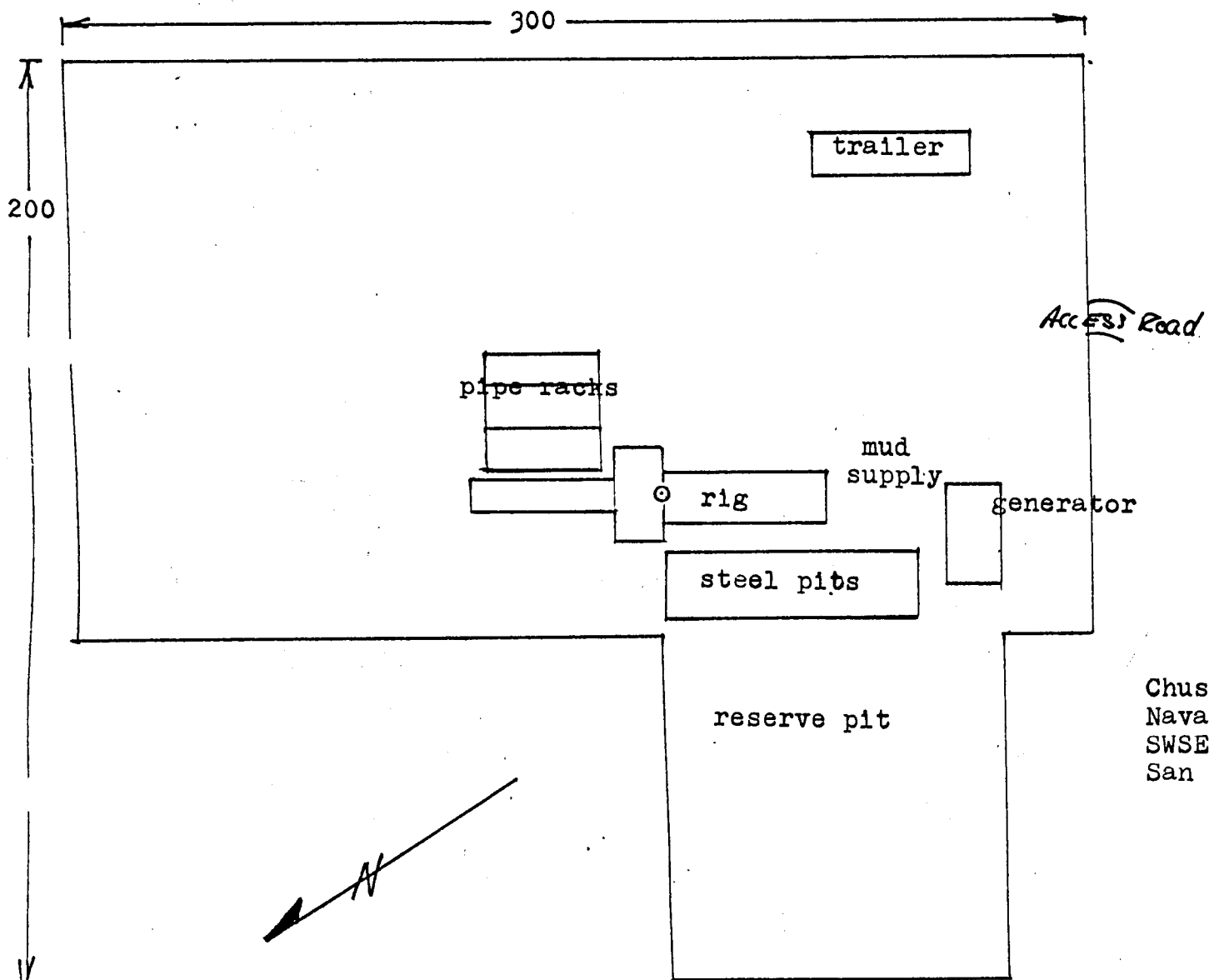
Restoration of the wellsite and access road will begin within 90 days of well completion, weather permitting, and if required by private land owner. Should well be abandoned, the drilling site will be reshaped to its approximate former contour. The access road will be plowed up and leveled. Both drillsite and road will have any topsoil replaced and will be reseeded when germination of seeds can take place. In either case, cleanup of the site will include burning of any safely burnable material, filling of all pits, carrying away of all nonburnable material and any chemicals that cannot be safely buried, and the hauling off of any oil that may have accumulated on the pits while drilling. A burn permit will be acquired if necessary.
12. The proposed site is 1 mile South of the San Juan River near the El Paso Natural Gas Plant at Montezuma Creek, Utah. It is on a mesa that has a flat top and near several other oil well sites. No residences are in the area. The soil is sandy and covered with native weeds and grasses.
13. John Alexander
3E Company, Inc.
P.O. Box 190
Farmington, NM 87499
Phone: 505-326-1135

14. I hereby certify that I, or persons under by direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Chuska Energy Co. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

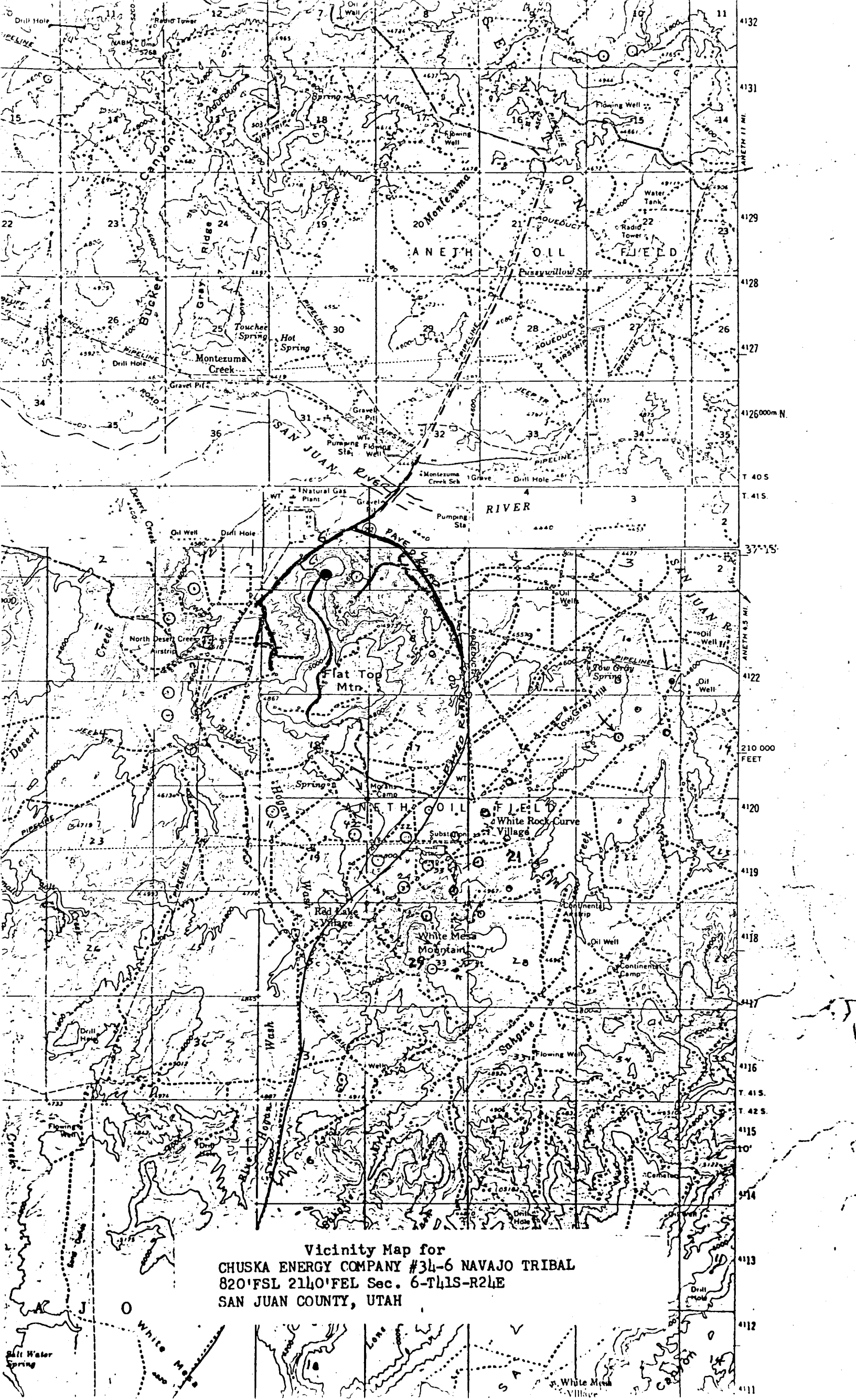


JOHN ALEXANDER
February 22, 1984

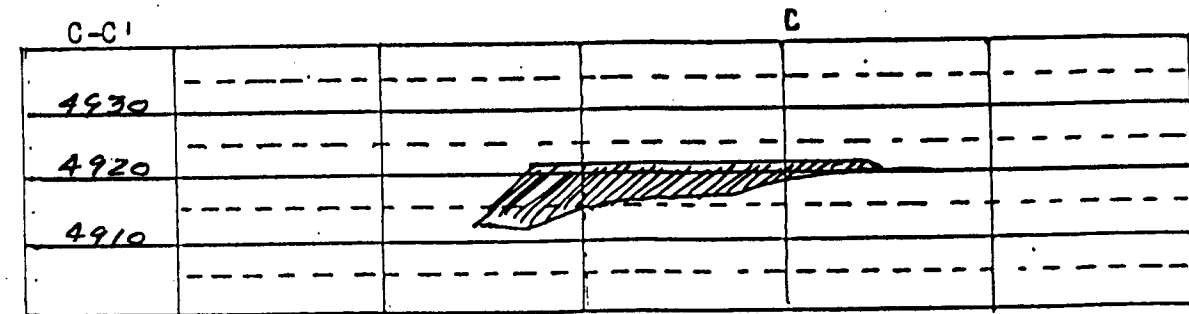
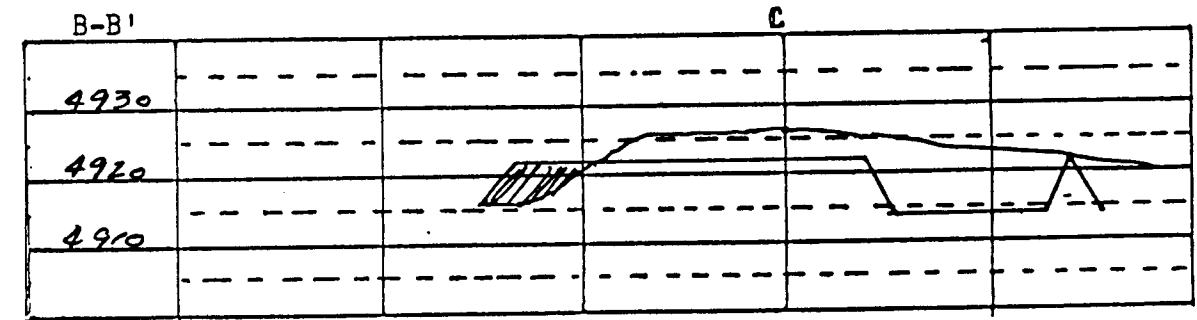
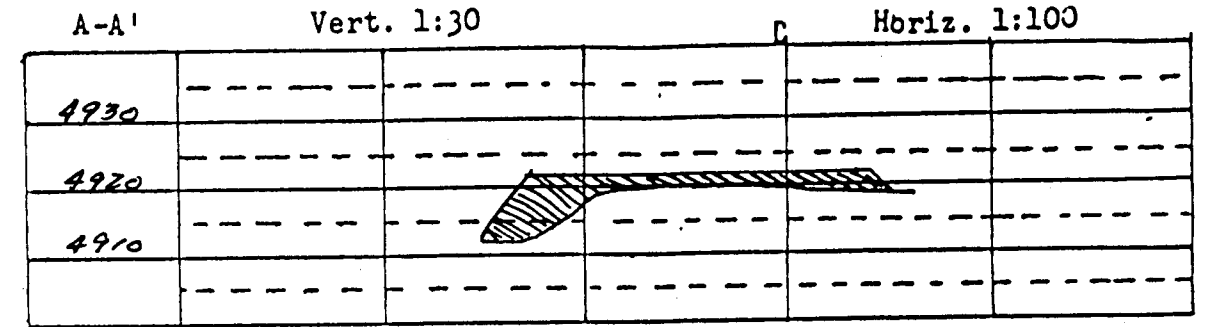
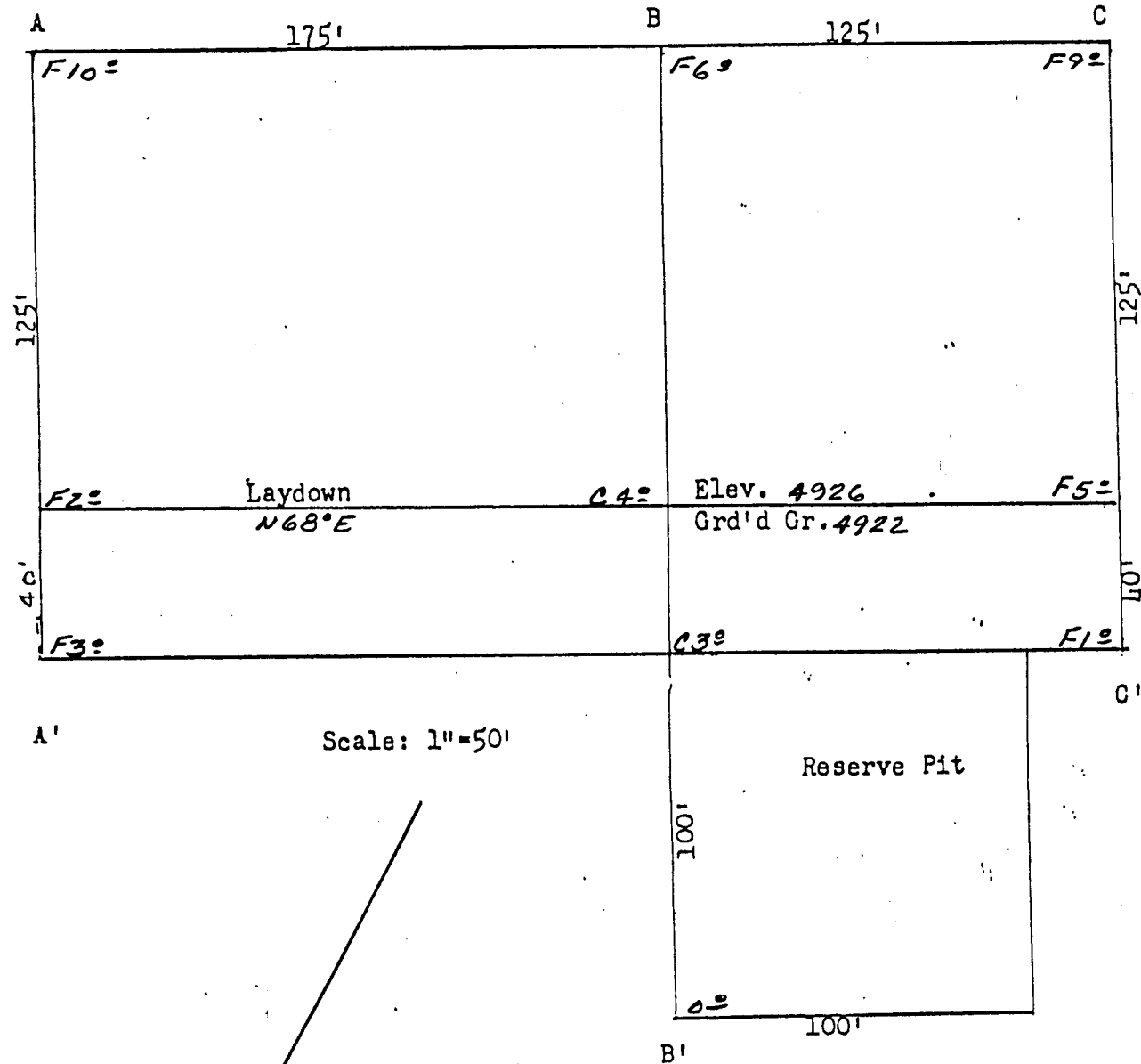
JA:kj



Chuska Energy Co.
Navajo Tribal 34-6
SWSE 6-41S-24E
San Juan Co., Utah



Profile for
CHUSKA ENERGY COMPANY #34-6 NAVAJO TRIBAL
820' FSL 2140' FEL Sec. 6-T41S-R24E
SAN JUAN COUNTY, UTAH



OPERATOR Chuska Energy Co DATE 2-29-84
WELL NAME Navajo Tribal 34-6
SEC SWSE 6 T 41S R 24E COUNTY San Juan

43-037-30991
API NUMBER

Indian
TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

MAP

☐

HL

☐

NLD

☐☐

PI

PROCESSING COMMENTS:

No other wells within 1000' ✓
Water

CHIEF PETROLEUM ENGINEER REVIEW:

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

c-3-a

CAUSE NO. & DATE

☒

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

1- Water

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER _____

☐ UNIT _____

☒ c-3-b

☐ c-3-c

☐ CHECK DISTANCE TO NEAREST WELL.

☐ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

☐ No VERIFY LEGAL AND SUFFICIENT DRILLING WATER

March 2, 1984

Chuska Energy Company
c/o 3E Company, Inc.
Box 190
Farmington, New Mexico 87401

RE: Well No. Navajo Tribal 34-6
SWSE Sec. 6, T. 41S, R. 24E
820' FSL, 2140' FEL
San Juan County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OCC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Chief Petroleum Engineer, Telephone (801) 533-5771 (Office), 571-6068 (Home).
4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-30991.

Sincerely,

R. J. Firth
Chief Petroleum Engineer

RJF/as
cc: Branch of Fluid Minerals

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: CHUSKA ENERGY COMPANY

WELL NAME: NAVAJO TRIBAL 34-6

SECTION SWSE 6 TOWNSHIP 41S RANGE 24E COUNTY SAN JUAN

DRILLING CONTRACTOR YOUNG

RIG # 3

SPUDDED: DATE 9-30-84

TIME 7:30 AM

How ROTARY

DRILLING WILL COMMENCE

REPORTED BY JOHN ALEXANDER

TELEPHONE #

DATE 10-1-84 SIGNED GL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN THE STATE*
(Other, Instruct
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS RECEIVED

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

OCT 11 1984

2. NAME OF OPERATOR

Chuska Energy Company

3. ADDRESS OF OPERATOR

c/o 3E Company, Box 190 Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface 820' FSL & 2140' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4926 GR

5. LEASE DESIGNATION AND SERIAL NO.

NOG 8308-1033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. NAME OR LEASE NAME

Navajo Tribal

9. WELL NO.

34-6

10. FIELD AND ZONE OF WILDCAT

Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 6-T41S-R24E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 12 1/4" hole to 1515'. Ran 8 5/8" 24 lb casing to 1503'. Cemented conventionally with 650 cu.ft. Class "B" containing 2% Calcium Chloride and 1/4 lb Flocele per sack and 4% Gel followed by 354 Cu.Ft. Class "B" containing 2% Calcium Chloride and 1/4 lb Flocele per sack. Cement circulated with 44 bbl. returns but fell back after plug down. Outside job down 8 5/8"-13 3/8" annules with 71 Cu.Ft. Class "B" containing 3% Calcium Chloride. Job Complete 10-2-84. Commence drilling 7 7/8" hole.

18. I hereby certify that the foregoing is true and correct

SIGNED

Bret D. Cook

TITLE

Agent

DATE

10-8-84

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE*
(Other Instruct.
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
OCT 11 1984

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chuska Energy Co.

3. ADDRESS OF OPERATOR

c/o 3E Co. P.O. Box 190, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface 820' S 2140' E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4926 GL

5. LEASE DESIGNATION AND SERIAL NO.

NOG 8308-1033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribal

9. WELL NO.

34-6

10. FIELD AND POOL, OR WILDCAT

Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

6-41S-24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

Confidential Reports

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please consider all reports on the above well as confidential.

18. I hereby certify that the foregoing is true and correct

SIGNED

John Alexander

TITLE Agent

DATE 10-8-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135 3
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NOG-8308-1033	
2. NAME OF OPERATOR Chuska Energy Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR c/o 3E Co., PO Box 190, Farmington, NM 87499		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 820'/S & 2140/E		8. FARM OR LEASE NAME Navajo Tribal	
14. PERMIT NO.		9. WELL NO. 34-6	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4926' GR		10. FIELD AND POOL, OR WILDCAT Aneth	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 6-41S-24E	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 7 7/8" hole to 6012' on 10-14-84. Ran DIL and CNL-FDL open hole logs. Ran 5 1/2" 15.50lb and 17lb casing to 6008'. Cemented with 411 cu.ft. Class "H" 10lb Calseal per sack, 10% salt, 0.6% Halad-9. Maintained full circulation through job. Plug down at 0500 hours. 10-16-84.

RECEIVED

OCT 22 1984

DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

John Alexander
John Alexander

TITLE Agent

DATE 10-16-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

PxA owners

Chuska

Navajo Tribal # 34-6

Sec. 6, T41S, R24E

San Juan Co., Ut.

- ① Set BP above perfs @ 5800'
- ② Spot 200' cement plug over BP.
- ③ Spot 100' cement plug 3000'-3100'
- ④ 8^{5/8}" casing @ 1500'. 100' plug inside and outside of 5^{1/2}" casing @ 1450'-1550'
- ⑤ Surface plug @ 50' x PxA ~~well~~ marker

They have received approval
from BLM.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, UT 84114

RECEIVED

OCT 2 1984

DIVISION OF OIL
GAS & MINING*REPORT OF WATER ENCOUNTERED DURING DRILLING*Well Name & Number Navaio Tribal 34-6Operator Chuska Energy Co. Address c/o 3E Co. PO Box 190 Farmington, NMContractor Young Drilling Co. Address PO Box 717 Farmington, NM 87499Location SW 1/4 SE 1/4 Sec. 6 T. 41S R. 24 County San JuanWater Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	<u>No water encountered</u>		
2.	<u></u>		
3.	<u></u>		
4.	<u></u>		
5.	<u></u>		

(Continue on reverse side if necessary)

Formation Tops

	Chinle	1786	Lower Ismay	5754
	De Chelly	2886	Gothic Shale	5791
<u>Remarks</u>	Organ Rock	3056	Desert Creek	5803
	Hermosa	4829	Chimney Rock	5978
	Upper Ismay	5646		

NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.

(b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DI

ATE*

Other In-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R35.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

NOG-8308-1033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribal

9. WELL NO.

34-6

10. FIELD AND POOL, OR WILDCAT

Aneth

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

6-41S-24E

12. COUNTY OR
PARISH

San Juan

13. STATE

Utah

1a. TYPE OF WELL:

OIL

WELL

☒

GAS

WELL

☐

DRY

☐

Other

b. TYPE OF COMPLETION:

NEW

WELL

☒

WORK

OVER

☐

DEEP-

EN

☐

PLUG

BACK

☐

DIFF.

RESVR.

☐

Other

2. NAME OF OPERATOR

Chuska Energy Co.

3. ADDRESS OF OPERATOR

c/o 3E Co., Inc. Box 190 Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 820' FSL & 2140' FEL SWSE

At top prod. interval reported below

Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

43-037-30991 13-2-84

12. COUNTY OR
PARISH

San Juan

13. STATE

Utah

15. DATE SPUDDED

9-30-84

16. DATE T.D. REACHED

10-14-84

17. DATE COMPL. (Ready to prod.)

Plugged

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

4938 K.B.

19. ELEV. CASINGHEAD

N/A

20. TOTAL DEPTH, MD & TVD

6012'

21. PLUG, BACK T.D., MD & TVD

5930

22. IF MULTIPLE COMPL.

HOW MANY

23. INTERVALS

ROTARY TOOLS

CABLE TOOLS

6012

-0-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

Plugged and Abandoned

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, DC, CNL, GR Temperature survey

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED
13 3/8"	54.5	75	17 1/2"	None
8 5/8"	24	1503	12 1/4"	None
5 1/2"	15.5 & 17	6008	7 7/8"	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					N/A		

31. PERFORATION RECORD (Interval, size and number)

5876-5882 0.35" i.d. 2 shots per ft.
5842-5853
5826-5832
5818-5823
5806-5813

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5876'-5882'	400 gal. 28% HCL
5806'-5853'	5200 gal. 28% HCL NE Acid
	500 gal. HCL NE Acid

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
		P&A					Plugged	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
			→					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Cement & Casing Information

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Bret D. Cook

TITLE

Agent

DATE

11-14-84

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS		
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	
				TRUE VERT. DEPTH	
			Chinle	1786	
			De Chelly	2886	
			Organ Rock	3056	
			Hermosa	4829	
			Upper Ismay	5646	
			Lower Ismay	5754	
			Gothic Shale	5791	
			Desert Creek	5803	
			Chimney Rock	5978	
			TD	6012	

Attachment for Chuska Energy Co.
Navajo Tribal 34-6

Cementing and Casing Record

Conductor Pipe:

17 1/2" hole with 13 3/8" 54.5 lb/ft casing set at 75 ft. Cemented with 165 cu.ft. Class "B" cement containing 3% CaCl₂, and 1/4 lb cellophane flakes per sack.

Surface Casing:

12 1/4" hole with 8 5/8" 24 lb/ft casing set at 1503 ft. Cemented with 650 cu.ft. Class "B" cement containing 4% gel, 2% CaCl₂ and 1/4 pound cellophane flake per sack followed by 354 cu.ft. Class "B" cement containing 2% CaCl₂ and 1/4 lb cellophane flake per sack. Fell back after plug down. Outside job down 8 5/8"-13 3/8" annulus with 71 cu.ft. Class "B" cement containing 3% CaCl₂.

Long String:

7 7/8" hole with 5 1/2" 17 and 15.5 lb/ft casing set at 6008 ft. Cemented with 411 cu.ft. Class "H" cement containing 10 lb Cal Seal per sack, 10% salt, and 0.6% Halad-9.

No casing was pulled.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TWO
(Other Instructions
verse side)

DATE
on re-

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chuska Energy Co.

3. ADDRESS OF OPERATOR

c/o 3E Co., Inc., Box 190 Farmington, NM 87409

4. LOCATION OF WELL (Report location clearly and in accordance with all State requirements.)

See also space 17 below.
At surface 820' FSL & 2140' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, M, or S.C.)

4938 KBOIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

NOG-8308-1033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribal

9. WELL NO.

34-6

10. FIELD AND POOL, OR WILDCAT

Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

6-41S-24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Pressure test failed. Isolated hole in casing between 3073' and 3083'. Set packer at 2865' and squeeze hole with 118 cu.ft Class "B" cement containing 0.6% D-60. Drill out cement and pressure test with no leaks. Perforate Desert Creek zone using 4" cased gun with 2 shots per foot over the following intervals: 5806-5813', 5818-5823', 5826-5832', 5842-5853'. Spotted 400 gal. 28% HCL across perforations. Pumped 4800 gallons 28% HCL non-emulsifying acid down tubing. Swabbed load back along with formation water. Perforate additional Desert Creek interval 5876-5882' with 2 shots per foot. Ran temperature survey. Swabbed. Set "SV-EZ Drill" cement retainer at 5603'. Cement with 236 cu.ft. Class "B" with 0.6% D-60. Drill cement and retainer. Reperforate 5876-5882' with 2 shots per foot. Swabbed. Set 5 1/2" drillable bridge plug at 5865'. Reperforated 5806-5813', 5818-5823', 5826-5832', 5842-5853', with 2 shots per foot. Spot 500 gallons 15% HCL non-emulsifying acid. Swabbed. Set "Speed-E-Line" bridge plug at 5762. Spotted Class "B" plugs as follows:

5762'	26 cu.ft.
3106'	13 cu.ft.
1556'	13 cu.ft.

Pumped 28 cu.ft Class "B" cement down 5 1/2"-8 5/8" annulus and displaced to 1400' to cover 8 5/8" casing shoe.

18. I hereby certify that the foregoing is true and correct

SIGNED

Bret D. Cook
Bret D. Cook

TITLE

Agent

DATE

11-14-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI
(Other instructi
verse side)

DATE
ON RE

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chuska Energy Co.

3. ADDRESS OF OPERATOR

c/o 3E Co., Inc., Box 190 Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface 820' FSL & 2140' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4926 GR

5. LEASE DESIGNATION AND SERIAL NO.

NOG-8308-1033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribal

9. WELL NO.

34-6

10. FIELD AND POOL, OR WILDCAT

Aneth

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

6-41S-24F

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

The operator, Chuska Energy Co., intends to plug & abandon the Navajo Tribal 34-6.
The Class "B" cement plugs are to be spotted through open ended 2 7/8" tubing
as follows: 28 cu.ft. cement is to be pumped through braden head and down
8 5/8"-5 1/2" annulus and displaced to surface casing shoe at 1503'.

INTERVAL	CU. FT. CEMENT	FORMATION
5750'	Bridge Plug	
5550-5750'	25	Upper Ismay top
3000-3100'	12	De Chelly top
1450-1550'	12	Surface casing shoe
0-50'	6	Plug at surface

ACCEPTED
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 11/21/84
BY: John R. Bunge

RECEIVED
NOV 20 1984

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Bret D. Cook

TITLE

Agent

DATE

11-14-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 3, 1985

Chuska Energy Company
Box 2118
315 North Behrend
Farmington, New Mexico 87499

Gentlemen:

Re: Well No. Navajo Tribal 34-6 - Sec. 6, T. 41S., R. 24E.,
San Juan County, Utah - API #43-037-30991

Our office received a Notice of Intention to Abandon the above referenced well dated November 14, 1984. As of the date of this letter we have not received a subsequent notice.

If this well has been plugged and abandoned, please return the enclosed Sundry Notice indicating the plugging procedure used and the date the work was completed.

Thank you for your cooperation in this matter.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/64